

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A thin film formation method, comprising:

~~plural~~ forming a plurality of antenna elements, each of the antenna elements including
a first linear conductor having a first end and a second end and a second linear conductor
having a first end and a second end, the first end of the first linear conductor and the first end
of the second linear conductor of each of said antenna elements being electrically connected
to each other[[],];

arranging a number of said antenna elements in a chamber so that the [[said]] first and
the second linear conductors are placed alternately in a plane [[with]] in equal intervals,
forming one or more array ~~antenna(s);~~ antennas;

connecting the second ends of each of the [[said]] first linear conductors to a high-
frequency power source[[],];

grounding the second ends of each of the [[said]] second linear conductors[[],];

installing ~~plural~~ a plurality of substrates on both sides of and in parallel to ~~respective~~
said array ~~antenna(s) with a space~~ antennas so as to have respective distances between the
array ~~antenna(s)~~ antennas and the substrates ~~comparable~~ substantially similar to the [[said]]
intervals ~~between the linear conductors;~~ and

~~thin film is deposited~~ forming thin films on ~~respective~~ said substrates.

Claim 2 (Canceled).

Claim 3 (Currently Amended): The thin film formation method as set forth in claim
1, further comprising:

[[the]] keeping a pressure in the [[said]] chamber ~~maintained to be~~ at 60Pa or less.

Claim 4 (Currently Amended): The thin film formation method as set forth in ~~claims 1 to 3~~ claim 1 or 3, further comprising:

putting said substrates ~~being reciprocated~~ in a reciprocal motion in [[the]] a direction parallel to the [[said]] array plane and perpendicular to the [[said]] first and the second linear conductors.

Claim 5 (Withdrawn-Currently Amended): A thin film formation apparatus, comprising:

a chamber equipped with an inlet port configured to introduce a source gas and an exhaust port for evacuation[[,]];

one or more array ~~antenna(s)~~ antennas placed in the [[said]] chamber, each of the [[said]] array ~~antenna(s) consists of plural~~ antennas including a plurality of antenna elements, each of the [[said]] antenna elements having a first and a second linear conductors, [[the]] a first end of the [[said]] first linear conductor and [[the]] a first end of the said second linear conductor of [[a]] said antenna elements being electrically connected to each other, the [[said]] first and the second linear conductors placed alternately in a plane [[with]] in equal intervals, the second ends of each of the [[said]] first linear ~~conductor~~ conductors connected to a high-frequency power source and the second ends of each of the [[said]] second linear conductors being grounded[[,]]; and

~~plural~~ a plurality of substrate holders ~~provided so as to place~~ configured to support ~~plural~~ a plurality of substrates on both sides of and in parallel to ~~respective~~ said ~~above~~ array ~~antenna(s)~~ antennas ~~with a space~~ so as to have respective distances between the [[said]] array

~~antenna(s)~~ antennas and the ~~[[said]]~~ substrates ~~comparable~~ substantially similar to the ~~[[said]]~~ intervals ~~between the said linear conductors~~.

Claim 6 (Withdrawn-Currently Amended): The thin film formation apparatus as set forth in claim 5, further comprising:

dielectric bodies covering the ~~respective said~~ first linear conductors.

Claim 7 (Currently Amended): A solar cell production method, comprising:

forming a plurality of ~~[[plural]]~~ antenna elements, each of the antenna elements including a first linear conductor having a first end and a second end and a second linear conductor having a first end and a second end, the first end of the first linear conductor and the first end of the second linear conductor of each of said antenna elements being electrically connected to each other~~[[,]]~~;

arranging a number of said antenna elements in a chamber so that the ~~[[said]]~~ first and the second linear conductors are placed alternately in a plane ~~[[with]]~~ in equal intervals; ~~forming to form~~ one or more array ~~antenna(s)~~, antennas;

connecting the second ends of each of the ~~[[said]]~~ first linear conductors to a high-frequency power source~~[[,]]~~;

grounding the second ends of each of the ~~[[said]]~~ second linear conductors~~[[,]]~~;

installing ~~plural~~ a plurality of substrates on both sides of and in parallel to ~~respective~~ said array ~~antenna(s)~~ with a space antennas so as to have respective distances between the array ~~antenna(s)~~ antennas and the substrates ~~comparable~~ substantially similar to the ~~[[said]]~~ intervals ~~between the linear conductors~~; and

~~thin film is deposited~~ forming thin films on ~~respective~~ said substrates.

Claim 8 (Canceled).

Claim 9 (Currently Amended): The solar cell production method as set forth in claim 7, further comprising:

[[the]] keeping a pressure in the [[said]] chamber maintained to be at 60Pa or less.

Claim 10 (Currently Amended): The solar cell production method as set forth in ~~claims 7 to 9~~ claim 7 or 9, further comprising:

putting said substrates being reciprocated in a reciprocal motion in [[the]] a direction parallel to the [[said]] array plane and perpendicular to the [[said]] first and the second linear conductors.

Claim 11 (Withdrawn-Currently Amended): A solar cell production apparatus, comprising:

a chamber equipped with an inlet port to introduce a source gas and an exhaust port for evacuation[[,]];

one or more array ~~antenna(s)~~ antennas placed in the [[said]] chamber, each of the said array ~~antenna(s) consists of plural~~ antennas includes a plurality of antenna elements, each of the [[said]] antenna elements having a first and a second linear conductors, [[the]] a first end of the [[said]] first linear conductor and [[the]] a first end of the [[said]] second linear conductor of [[a]] said antenna elements being electrically connected to each other, the [[said]] first and the second linear conductors placed alternately in a plane [[with]] in equal intervals, the second ends of each of the [[said]] first linear ~~conductor~~ conductors connected

to a high-frequency power source and the second ends of each of the [[said]] second linear conductors being grounded[[,]]; and

~~plural~~ a plurality of substrate holders ~~provided so as to place plural~~ configured to support a plurality of substrates on both sides of and in parallel to ~~respective~~ said above array ~~antenna(s) with a space~~ antennas so as to have respective distances between the [[said]] array ~~antenna(s)~~ antennas and the [[said]] substrates ~~comparable~~ substantially similar to the [[said]] intervals ~~between the said linear conductors~~.

Claim 12 (Withdrawn-Currently Amended): The solar cell production apparatus as set forth in claim 11, further comprising:

dielectric bodies covering the ~~respective said~~ first linear conductors.

Claim 13 (Withdrawn-Currently Amended): [[The]] A solar cell, comprising:
silicon thin films including microcrystalline silicon deposited on [[the]] a surface of substrates, the [[said]] thin films formed by:

forming a plurality of ~~plural~~ antenna elements, [[the]] a first end of [[the]] a first linear conductor and [[the]] a first end of [[the]] a second linear conductor of each of said antenna elements being electrically connected to each other[[,]];

arranging a number of said antenna elements in a chamber so that the [[said]] first and the second linear conductors are placed alternately in a plane [[with]] in equal intervals, ~~forming to form~~ one or more array antenna(s), antennas;

connecting the second ends of each of the [[said]] first linear conductors to a high-frequency power source[[,]];

grounding the second ends of each of the [[said]] second linear
conductors[[,]]; ~~and~~

~~maintaining the pressure in the said chamber to be at 60Pa or less~~ installing a
plurality of substrates on both sides of and in parallel to said array antennas so as to
have respective distances between the array antennas and the substrates substantially
equal to the intervals; and
forming the thin films on the substrates.

Claim 14 (Withdrawn-Currently Amended): The solar cell as set forth in claim 13,
~~further provided by:~~ wherein,

~~depositing~~ the [[said]] thin films are deposited by maintaining [[the]] a pressure in the
[[said]] chamber ~~to be~~ at 60Pa or less.

Claim 15 (Withdrawn-Currently Amended): The solar cell as set forth in ~~claims 13 to~~
~~14~~ claim 13 or 14, is further provided by said thin films deposited by: wherein

the silicon thin films are formed by putting said substrates being reciprocated in a
reciprocal motion in [[the]] a direction parallel to the [[said]] array plane and perpendicular to
the said [[first]] and the second linear conductors.